Title (en)

MODIFIED OLIGONUCLEOTIDES COMPRISING THIOL FUNCTIONS AND THE USE OF SAME FOR THE DETECTION OF NUCLEIC ACIDS

Title (de)

MODIFIZIERTE OLIGONUKLEOTIDE MIT THIOL-FUNKTIONEN UND VERWENDUNG DAVON ZUM NACHWEIS VON NUKLEINSÄUREN

Title (fr)

OLIGONUCLEOTIDES MODIFIES COMPENANT DES FONCTIONS THIOL ET LEUR UTILISATION POUR LA DETECTION D'ACIDES NUCLEIQUES

Publication

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Abstract (en)

[origin: WO2013150122A1] The present invention concerns a modified oligonucleotide having two or a plurality of thiol functions, capable of being immobilised on a gold surface or on a grafted surface, in particular a surface comprising at least one carbon-carbon double bond or one carbon-carbon triple bond or halogen acetamide functions, preferably maleimide or acrylamide functions. The invention also concerns a method for detecting a nucleic acid in a biological sample comprising a step of detecting hybridisation between a modified oligonucleotide and an amplified target nucleic acid from the biological sample. The invention more specifically concerns a method for detecting genotyping or sequencing of a pathogenic organism, preferably a virus.

IPC 8 full level

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